



Cofc

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/930,004	6954893
	Filing Date	August 15, 2001	
	First Named Inventor	Noah J. Temullo	
	Art Unit	2133	
	Examiner Name	Lamarre, Guy J.	
Total Number of Pages in This Submission	Attorney Docket Number	12078-140	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for a Certificate of Correction Under 37 CFR 1.323; Form PTO/SB/44; return postcard.
<input type="checkbox"/> Remarks		

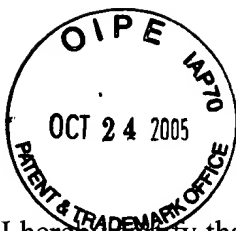
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Perkins Smith & Cohen LLP		
Signature			
Printed name	Peter J. Borghetti		
Date	October 21, 2005	Reg. No.	42,345

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Peter J. Borghetti	Date	October 21, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

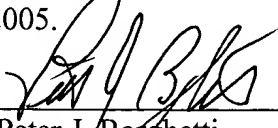
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OCT 28 2005



### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 21, 2005.

  
Peter J. Borghetti  
Reg. No. 42,345

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.	:	6,954,893	
Appl. No.	:	09/930,004	Confirmation No. 9114
Applicants	:	Noah J. Ternullo et al.	
Filed	:	August 15, 2001	
TC/A.U.	:	2133	
Examiner	:	Lamarre, Guy J.	
Title	:	METHOD AND APPARATUS FOR RELIABLE UNIDIRECTIONAL COMMUNICATION IN A DATA NETWORK	
Docket No.	:	12078-140	
Customer No.	:	26486	

PERKINS, SMITH & COHEN, LLP  
One Beacon Street  
Boston, MA 02108  
(617) 854-4000

TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 CFR 1.323

Sir:

In the matter of U.S. Patent No. 6,954,893 B2 issued October 11, 2005, a check of the same against the files of the attorney of record indicates that mistakes described in the attached Form PTO 44 were made by the Office.

OCT 28 2005

More specifically, the following mistakes, corrected in Form PTO 44 were made by the Office and are of a clerical nature:

- The Examiner's Amendment to the claims (shown below) was not entered.
- Numerous references (shown below) cited by the Examiner were not listed on the front page of the patent.

## CLAIMS

Claim 1 (previously claim 28), line 1-2, (col 27, line 10-11), "A computer-readable data signal for modifying the operation of a receiving device, said data signal comprising:" should read –A computer program product comprising a computer readable medium having computer readable code embodied in said computer program product, said computer readable code for causing a computer to modify the operation of a receiving device, said computer program product comprising:--;

Claim 2 (previously claim 1), line 1, (column 27, line 23), "The computer-readable data signal " should read –The computer program product--;

Claim 3 (previously claim 3), line 1, (column 27, line 32), "The computer-readable data signal " should read –The computer program product--;

Claim 4 (previously claim 4), line 1, (column 27, line 35), "The computer-readable data signal " should read –The computer program product--;

Claim 5 (previously claim 5), line 1, (column 27, line 38), "The computer-readable data signal " should read –The computer program product--;

Claim 6 (previously claim 25), line 1, (column 27, line 43), "The computer-readable data signal " should read –The computer program product--;

Claim 7 (previously claim 11), line 1, (column 27, line 47) "The computer-readable data signal " should read –The computer program product--;

Claim 8 (previously claim 12), line 1, (column 27, line 50) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 9 (previously claim 14), line 1, (column 27, line 52) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 10 (previously claim 16), line 1, (column 27, line 55) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 11 (previously claim 18), line 1, (column 27, line 60) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 12 (previously claim 20), line 1, (column 27, line 64) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 13 (previously claim 30), line 1, (column 28, line 11) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 14 (previously claim 7), line 1, (column 28, line 20) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 15 (previously claim 9), line 1, (column 28, line 25) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 16 (previously claim 31), line 1, (column 28, line 27) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 17 (previously claim 37), line 1, (column 28, line 30) “The computer-readable data signal  
“ should read –The computer program product--;

Claim 18 (previously claim 29), lines 1-2 (column 28, lines 33-34), “A computer-readable data signal for modifying the operation of a receiving device, said data signal comprising:” should read –A computer program product comprising a computer readable medium having computer readable code embodied in said computer program product, said computer readable code for causing a computer to modify the operation of a receiving device, said computer program product comprising:--;

Claim 19 (previously claim 32), line 1, (column 28, line 48) “The computer-readable data signal “ should read –The computer program product--;

Claim 20 (previously claim 33), line 1, (column 28, line 57) “The computer-readable data signal “ should read –The computer program product--; and

Claim 21 (previously claim 34), line 1, (column 28, line 60) “The computer-readable data signal “ should read –The computer program product--.

## REFERENCES

### References Cited

#### U.S. PATENT DOCUMENTS

4,975,926	*	12/1990	Knapp, Guenther .....	375/141
5,815,516 A	*	9/1998	Aaker et al. ....	714/807
5,260,936 A	*	11/1993	Bardet et al. ....	370/428
5,307,349 A	*	4/1994	Shloss et al. ....	370/442
5,663,952	*	9/1997	Gentry, Jr., Denton E. ....	370/252
5,758,087	*	5/1998	Aaker et al. ....	709/232
5,898,713 A	*	4/1999	Melzer et al. ....	714/807

#### FOREIGN PATENT DOCUMENTS

EP 552861 A2 \* 7/1993

#### OTHER PUBLICATIONS

Information Sciences Institute University of Southern California, RFC 793 - Transmission Control Protocol Specification, September 1981, pages 4, 15-17. \*

Braden et al., RFC 1071 – computing the Checksum, September 1998, pages 1-24. \*

## REMARKS

Under 35 U.S.C. 254, whenever a mistake in a patent, incurred through fault of the Patent and Trademark Office, is clearly disclosed by the records of the Office, the Director may issue a certificate of correction stating the fact and nature of such mistake, under seal, without charge.

A Notice of Allowance and Examiner's Amendment were mailed September 21, 2005. It appears that none of the amendments agreed to in a telephone conversation with Applicants' Attorney Kathleen Chapman and Examiner Lamarre on September 16, 2005 and included in the Examiner's Amendment have been entered. Correction for this error is respectfully requested.

Additionally, in the Examiner's first Office Action, mailed on December 19, 2003, a notice of references cited (PTO-892) was included. None of the considered references appearing in this form (a copy is attached hereto) are cited in the published patent. Correction for this error is respectfully requested.

Since both of these mistakes are clearly disclosed by the records filed with the Office, Applicant respectfully requests a Certificate of Correction.

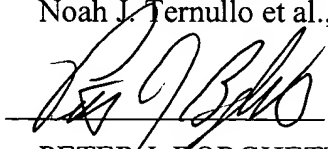
Although it is believed that no fee is due at this time, we authorize the Commissioner to charge of any additional fees and crediting any overpayment to our Deposit Account No. 03-2410 (Order No. 12078-140).

If there are any questions remaining please call: PETER J. BORGHETTI at (617) 854-4000.

Dated: October 21, 2005

Respectfully submitted,  
Noah J. Ternullo et al., Applicants

By: \_\_\_\_\_

  
PETER J. BORGHETTI  
Reg. No. 42,345  
Attorney for Applicants

OCT 28 2005

**Notice of References Cited**

Application/Control No.

09/930,004

Applicant(s)/Patent Under  
Reexamination  
TERNULLO ET AL.

Examiner

Marshall S Eng

Art Unit

2133

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,815,516 A	09-1998	Aaker et al.	714/807
	B	US-5,260,936 A	11-1993	Bardet et al.	370/428
	C	US-5,663,952	09-1997	Gentry, Jr., Denton E.	370/252
	D	US-5,898,713 A	04-1999	Melzer et al.	714/807
	E	US-4,975,926	12-1990	Knapp, Guenther	375/141
	F	US-5,307,349 A	04-1994	Shloss et al.	370/442
	G	US-5,758,087	05-1998	Aaker et al.	709/232
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	EP 552861 A2	07-1993	European Patent	DRAVIDA et al.	H03M 13/00
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Information Sciences Institute University of Souther California, RFC 793 - Transmission Control Protocol Specification, September 1981, pages 4, 15-17.
	V	Braden et al., RFC 1071 - Computing the Checksum, September 1988, pages 1-24.
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 4

PATENT NO. : 6,954,893 B2  
APPLICATION NO.: 09/930,004  
ISSUE DATE : October 11, 2005  
INVENTOR(S) : Ternullo et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### CLAIMS

Claim 1, line 1-2, (col 27, line 10-11), "A computer-readable data signal for modifying the operation of a receiving device, said data signal comprising:" should read -A computer program product comprising a computer readable medium having computer readable code embodied in said computer program product, said computer readable code for causing a computer to modify the operation of a receiving device, said computer program product comprising--;

Claim 2, line 1, (column 27, line 23), "The computer-readable data signal " should read -The computer program product--;

Claim 3, line 1, (column 27, line 32), "The computer-readable data signal " should read -The computer program product--;

Claim 4, line 1, (column 27, line 35), "The computer-readable data signal " should read -The computer program product--;

Claim 5, line 1, (column 27, line 38), "The computer-readable data signal " should read -The computer program product--;

Claim 6, line 1, (column 27, line 43), "The computer-readable data signal " should read -The computer program product--;

Claim 7, line 1, (column 27, line 47) "The computer-readable data signal " should read -The computer program product--;

Claim 8, line 1, (column 27, line 50) "The computer-readable data signal " should read -The computer program product--;

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Perkins Smith & Cohen LLP  
One Beacon Street  
Boston, MA 02108

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

OCT 28 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 4

PATENT NO. : 6,954,893 B2  
APPLICATION NO.: 09/930,004  
ISSUE DATE : October 11, 2005  
INVENTOR(S) : Ternullo et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**CLAIMS**

Claim 9, line 1, (column 27, line 52) "The computer-readable data signal " should read -The computer program product--;

Claim 10, line 1, (column 27, line 55) "The computer-readable data signal " should read -The computer program product--;

Claim 11, line 1, (column 27, line 60) "The computer-readable data signal " should read -The computer program product--;

Claim 12, line 1, (column 27, line 64) "The computer-readable data signal " should read -The computer program product--;

Claim 13, line 1, (column 28, line 11) "The computer-readable data signal " should read -The computer program product--;

Claim 14, line 1, (column 28, line 20) "The computer-readable data signal " should read -The computer program product--;

Claim 15, line 1, (column 28, line 25) "The computer-readable data signal " should read -The computer program product--;

Claim 16, line 1, (column 28, line 27) "The computer-readable data signal " should read -The computer program product--;

Claim 17, line 1, (column 28, line 30) "The computer-readable data signal " should read -The computer program product--;

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Perkins Smith & Cohen LLP  
One Beacon Street  
Boston, MA 02108

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**OCT 28 2005**

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 3 of 4

PATENT NO. : 6,954,893 B2

APPLICATION NO.: 09/930,004

ISSUE DATE : October 11, 2005

INVENTOR(S) : Ternullo et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**CLAIMS**

Claim 18, lines 1-2 (column 28, lines 33-34), "A computer-readable data signal for modifying the operation of a receiving device, said data signal comprising:" should read -A computer program product comprising a computer readable medium having computer readable code embodied in said computer program product, said computer readable code for causing a computer to modify the operation of a receiving device, said computer program product comprising:--;

Claim 19, line 1, (column 28, line 48) "The computer-readable data signal " should read -The computer program product--;

Claim 20, line 1, (column 28, line 57) "The computer-readable data signal " should read -The computer program product--; and

Claim 21, line 1, (column 28, line 60) "The computer-readable data signal " should read -The computer program product--.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Perkins Smith & Cohen LLP  
One Beacon Street  
Boston, MA 02108

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**OCT 28 2005**

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 4 of 4

PATENT NO. : 6,954,893 B2  
APPLICATION NO.: 09/930,004  
ISSUE DATE : October 11, 2005  
INVENTOR(S) : Ternullo et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### References Cited

#### U.S. PATENT DOCUMENTS

4,975,926 \* 12/1990 Knapp, Guenther .....375/141  
5,815,516 A \* 9/1998 Aaker et al. ....714/807  
5,260,936 A \* 11/1993 Bardet et al. ....370/428  
5,307,349 A \* 4/1994 Shloss et al. ....370/442  
5,663,952 \* 9/1997 Gentry, Jr., Denton E. ....370/252  
5,758,087 \* 5/1998 Aaker et al. ....709/232  
5,898,713 A \* 4/1999 Melzer et al. ....714/807

#### FOREIGN PATENT DOCUMENTS

EP 552861 A2 \* 7/1993

#### OTHER PUBLICATIONS

Information Sciences Institute University of Southern California, RFC 793 - Transmission Control Protocol Specification, September 1981, pages 4, 15-17. \*  
Braden et al., RFC 1071 - computing the Checksum, September 1998, pages 1-24. \*

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Perkins Smith & Cohen LLP  
One Beacon Street  
Boston, MA 02108

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**OCT 28 2009**